



**Montana Fish,  
Wildlife & Parks**

**RFQ #090094 Questions and Responses for the North Fork of the Big Hole River  
Design Project**

**Deadline for Written questions: 12 PM November 12, 2008**

1) What is the size of pipe to use for measuring device?

**Response:**

10 ½' for river locations and 7' for locations within irrigation ditches.

2) Do you want rating flow for ditches also?

**Response:**

Yes

3) What amount of cross section are needed?

**Response:**

30 cross sections per year. Five riffles and five pools in areas with side channels in three sections (top, middle, bottom of reach)

4) What do you envision for vegetation surveys?

**Response:**

1. Survey of aerial photos to determine locations of borrow sources.
2. Survey of streambanks and point bars to determine current status of vegetation (willow and sedges) and potential and need for active restoration

5) Are there any reference reaches?

**Response:**

Potential reference reach data will be provided when contract is awarded. If that data is determined to be insufficient then potential reference reaches will be identified by FWP.

6) Where will the 5 meetings be held?

**Response:**

In Three Forks, MT or at the companies office.

7) What is the fence lateral distance?

**Response:**

As yet, it is not determined. The entire reach is scheduled for riparian fence in fall 2009.

8) Is the fence dictated by the landowner?

**Response:**

The landowner and FWP will work together to determine the best placement of the fence lines. The final determination will take into account the need of the cattle operation on the property.

9) Are there issues with sediment happening after fires?

**Response:**

Yes

10) Do we have historic aerals?

**Response:**

Yes. We can obtain aerial photos from the USFWS.

11) What was the flow in Spring '08?

**Response:**

The data has not been analyzed for 2008. We certainly achieved at least one bankfull event in the North Fork.

12) How many sites are ditch and how many river?

**Response:**

A maximum of five ditch, and four river sites.

**13)** Is there going to be flexibility if there are floods or drought?

**Response:**

We will use the best available data from the two years of data collection to plan the restoration work in 2011.

**14)** How many pebble counts?

**Response:**

Six pebble counts per year for reach.

**15)** Is the purchase of special equipment necessary to measure high flow events from the lower North Fork Rd. bridge?

No, we will not ask anyone to measure flows in conditions that are not safe to wade in. Safety is a primary concern of all our field efforts and we will not ask folks to put themselves in harms way for the purpose of data collection. The hope is that enough data points can be collected at wadeable flows to extrapolate the data to estimate high flows.